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O.G. FIG.
CLASS SUBCLASS

Document ID: US 6,248,080 B1

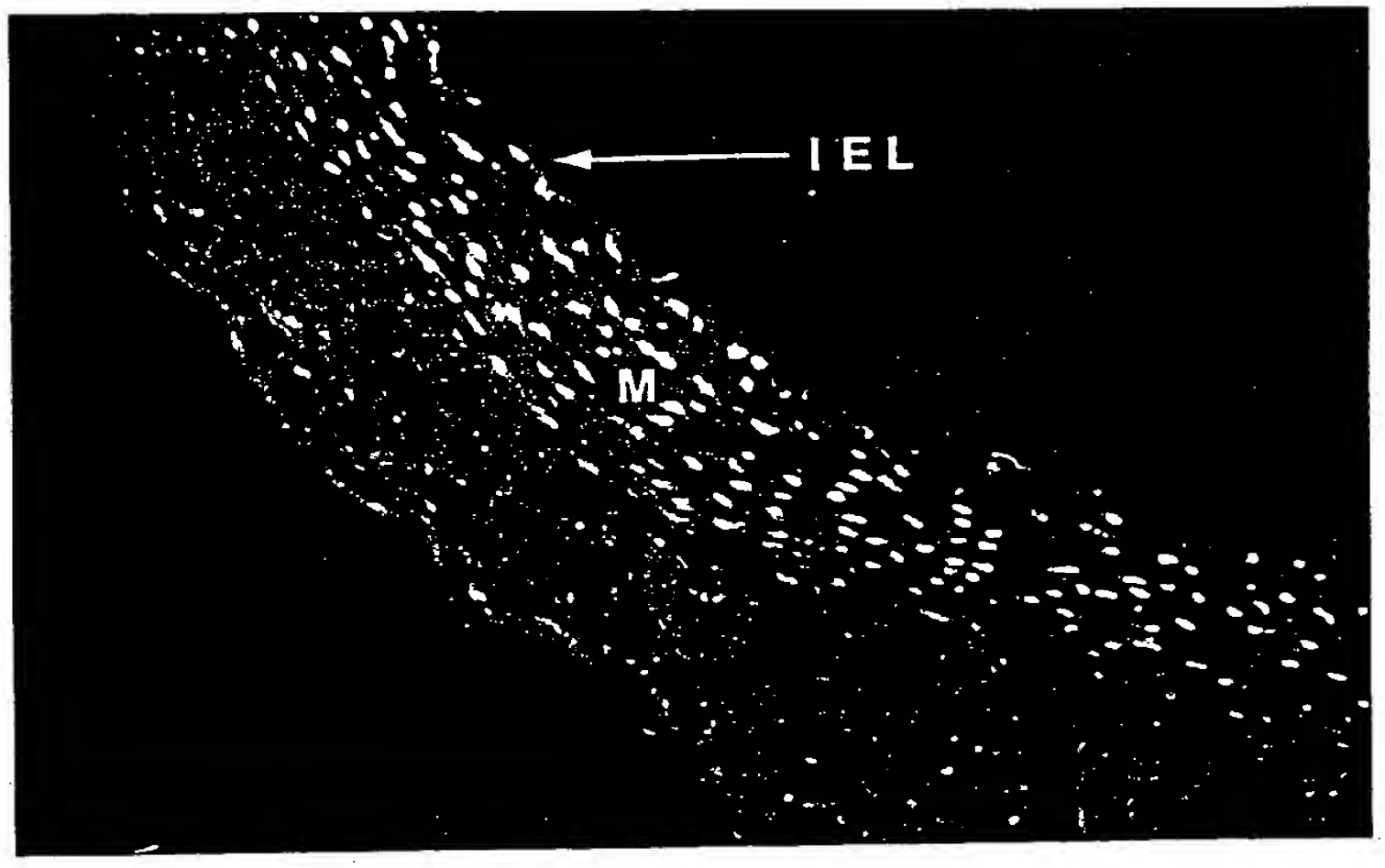

FIG. 1

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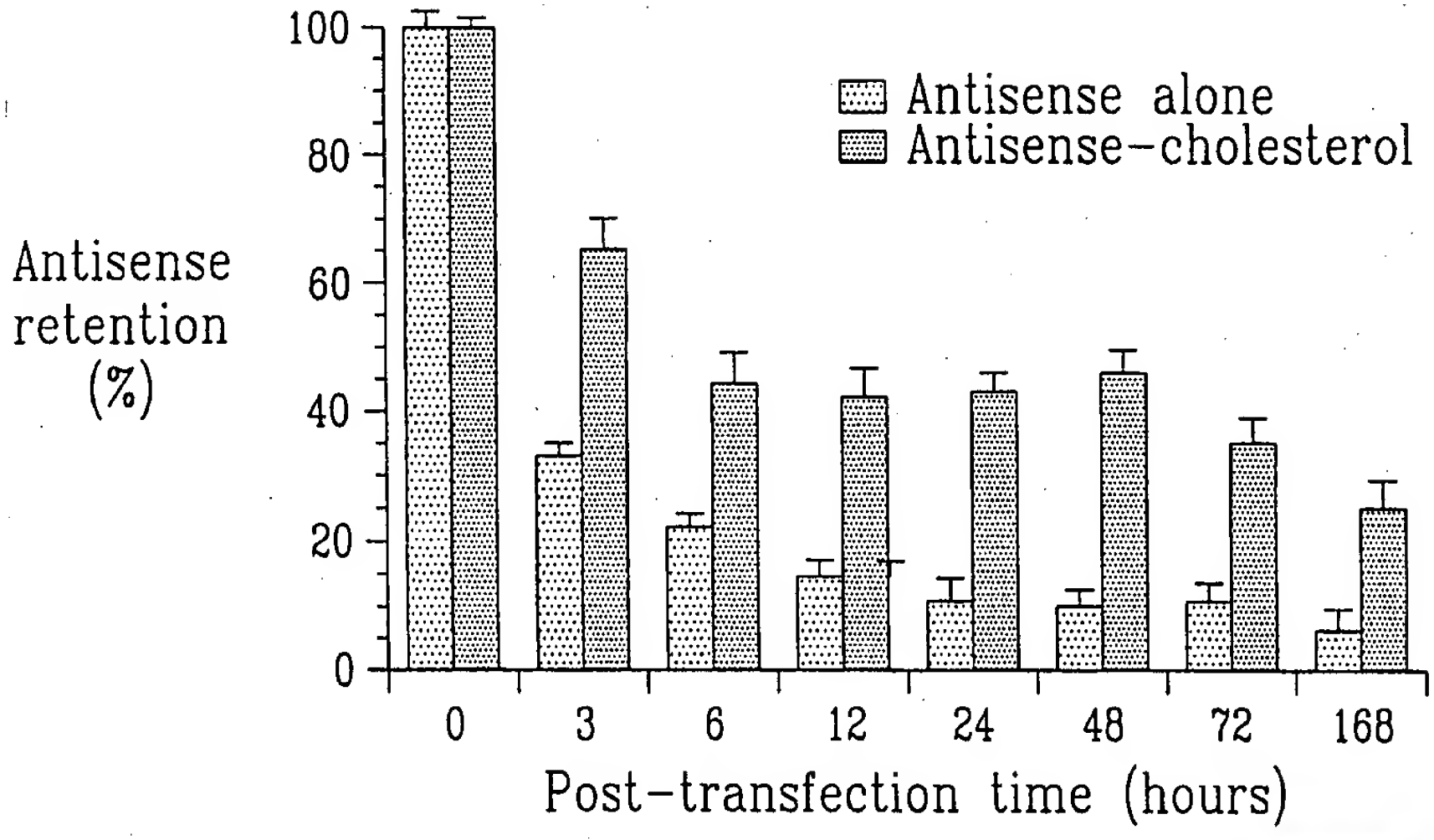

FIG. 2

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Oligonucleotide synthesized in 2 parts

5′ A-A-A-A-A-A-A 3′ 5′ A-A-A-A-A-A-A-A 3′

Label 5′ end of one sequence

32P-ATP + 5′ A-A-A-A-A-A-A-A 3′ = 5′ A-A-A-A-A-A-A-A 3′
*

Anneal both parts to complementary sequence

5′ T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T 3′
3′ A-A-A-A-A-A-A-A A-A-A-A-A-A-A 5′
*

Ligate the 2 parts of the oligonucleotide

5′ T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T 3′
3′ A-A-A-A-A-A-A-A-A-A-A-A-A-A-A 5′

Separate the 2 strands and purify the oligonucleotide

5′ T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T 3′
3′ A-A-A-A-A-A-A-A-A-A-A-A-A-A-A 5′
*

FIG 3

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^{32}P labelled oligonucleotide stability

Incubation period with SMC (d)

0 1 2 3 4 5 6 7

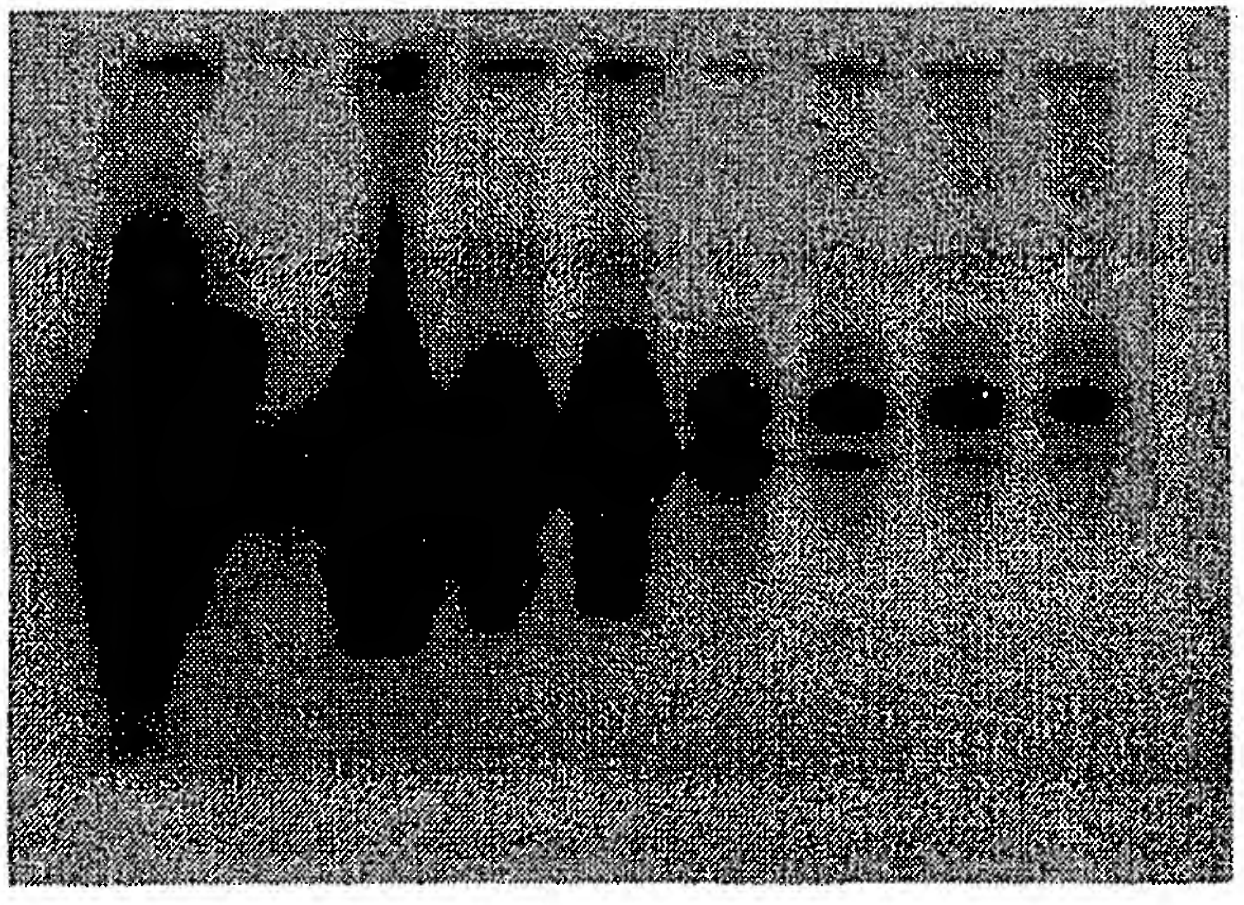

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FIG. 4

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O.G. FIG.
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SUBCLASS

Tosoh 6249260

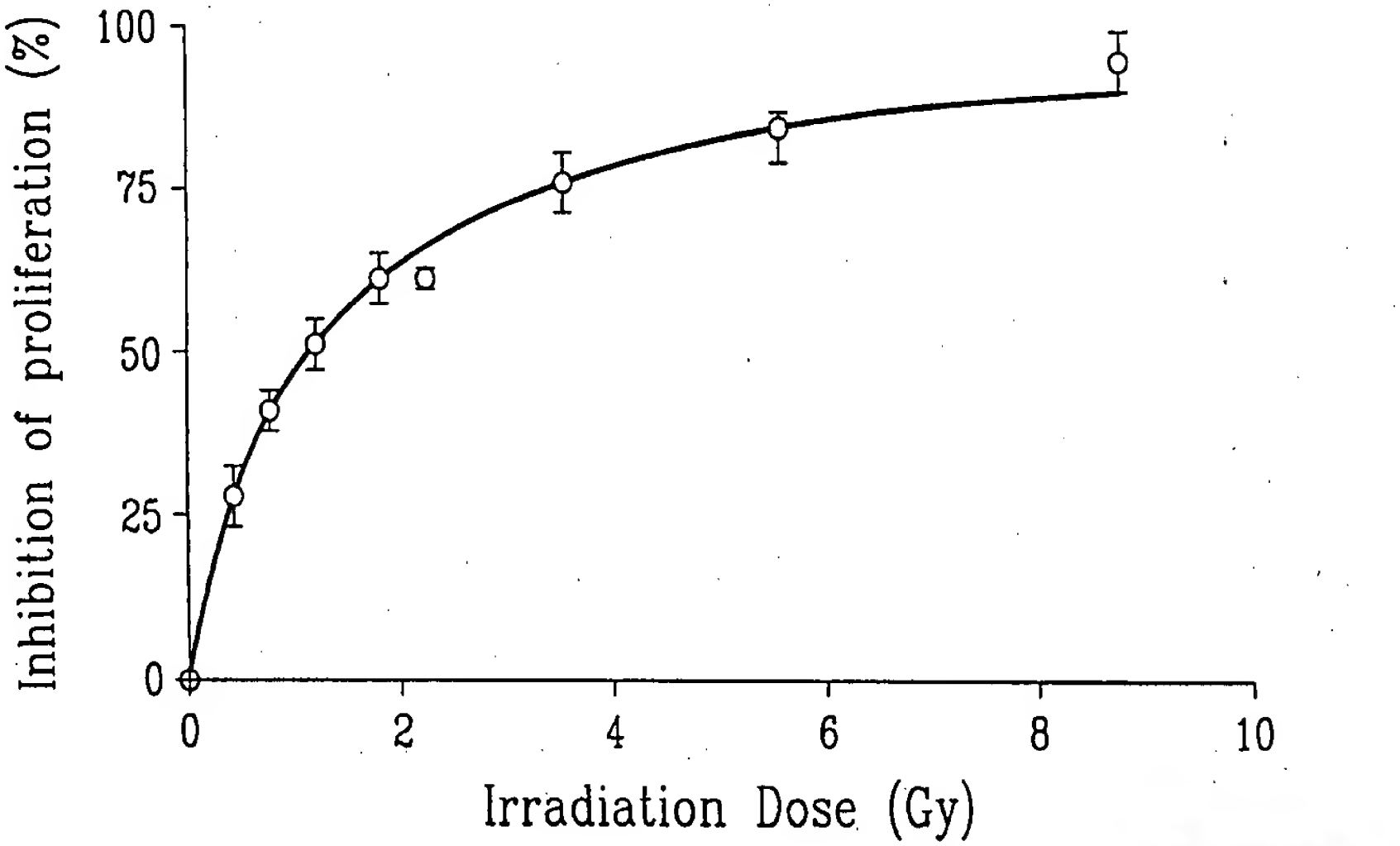

Fig. 5

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O.G. FIG.
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FD2020 6th Floor

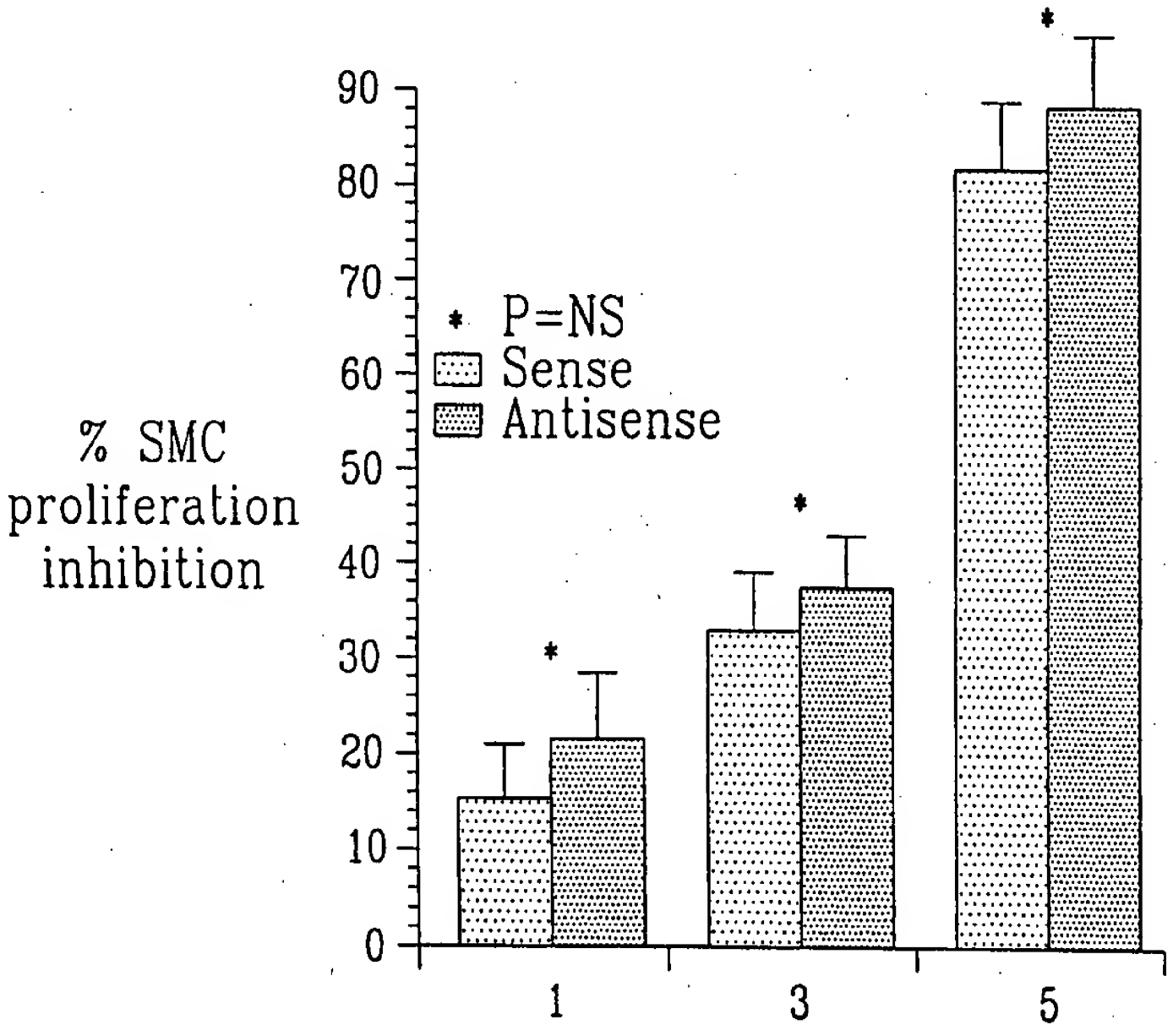

FIG. 6

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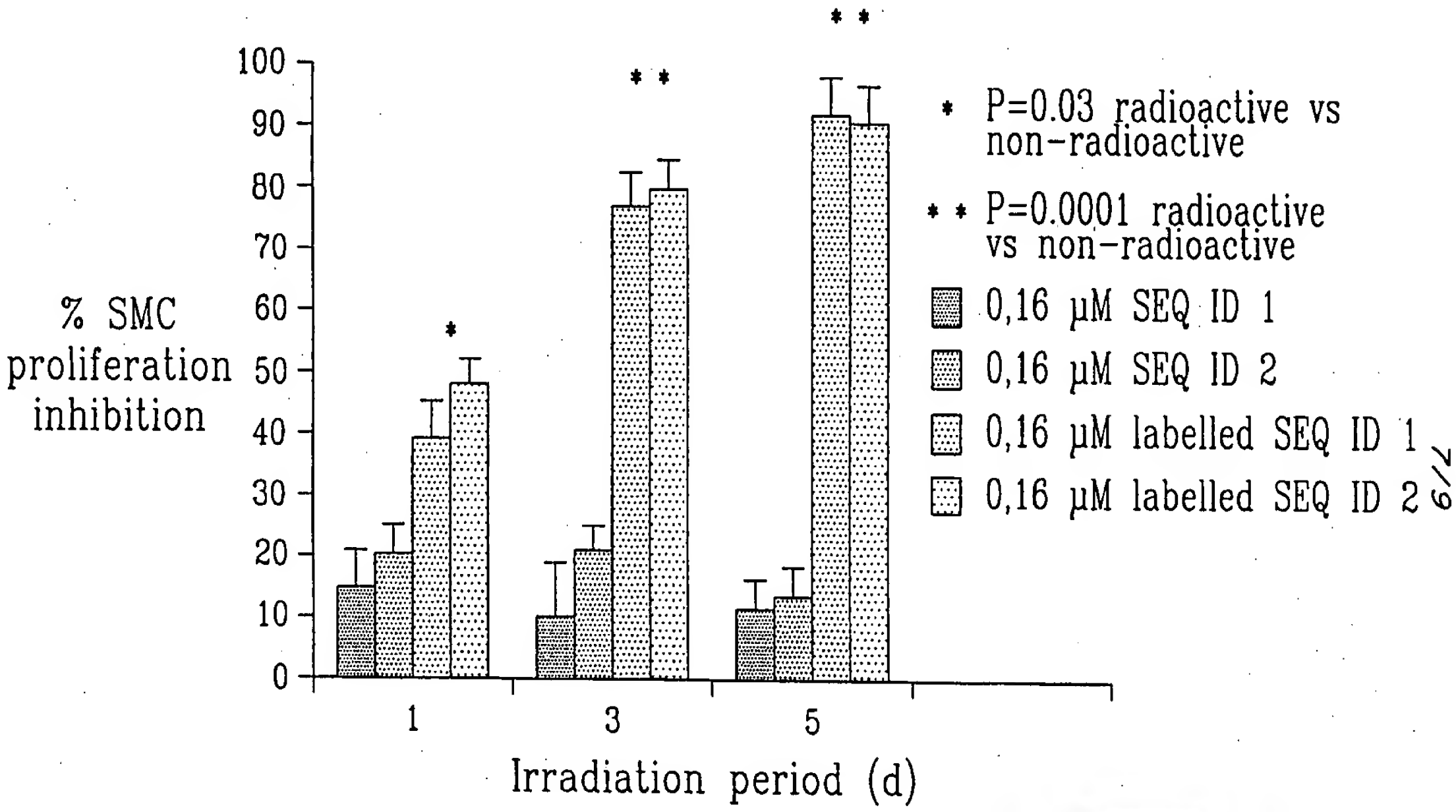
TO2020-6215260



6/7

FIG. 7

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T03020 "02h3Z60

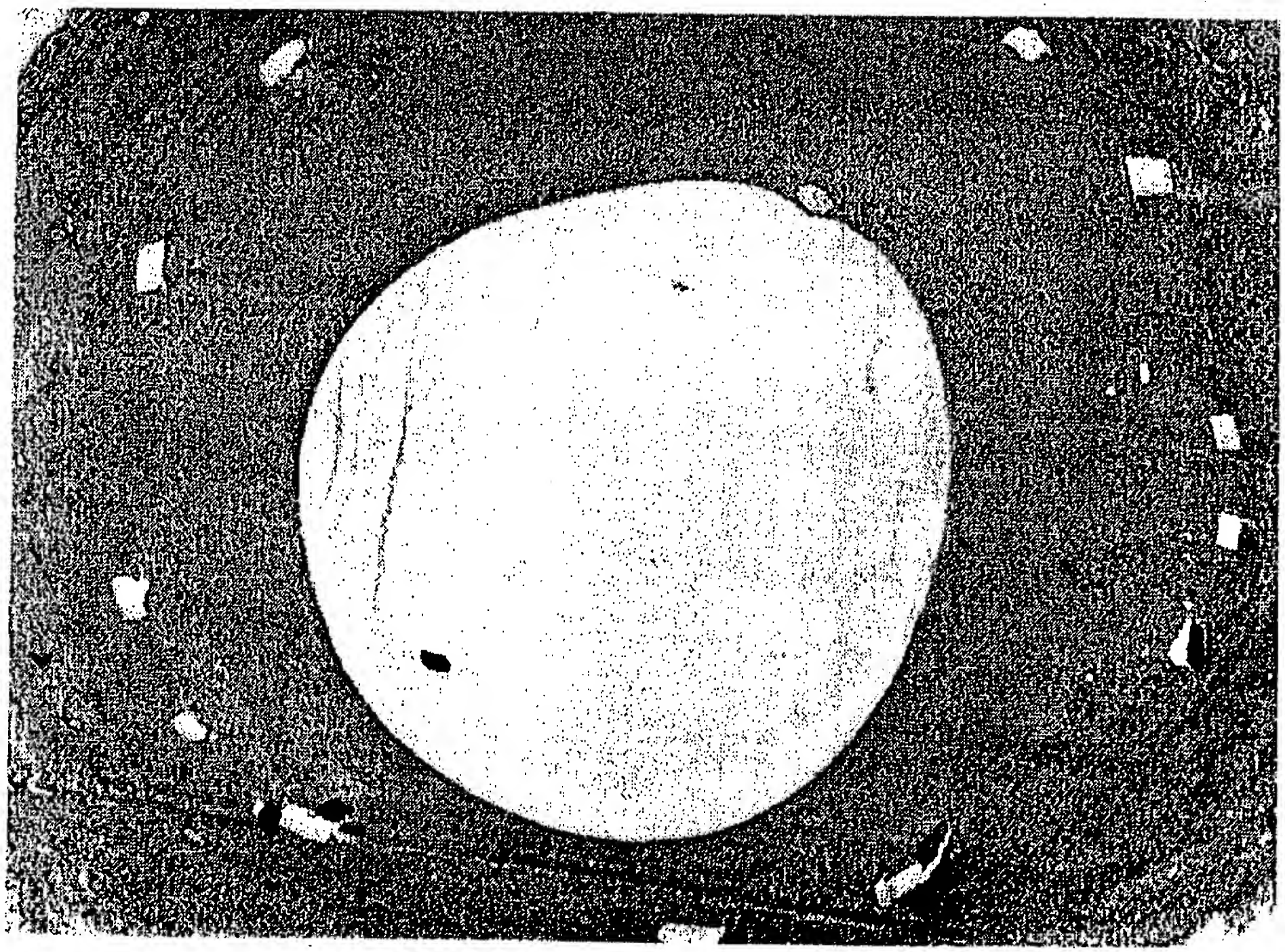

FIG. 8

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T02020 "6Ch5Z60

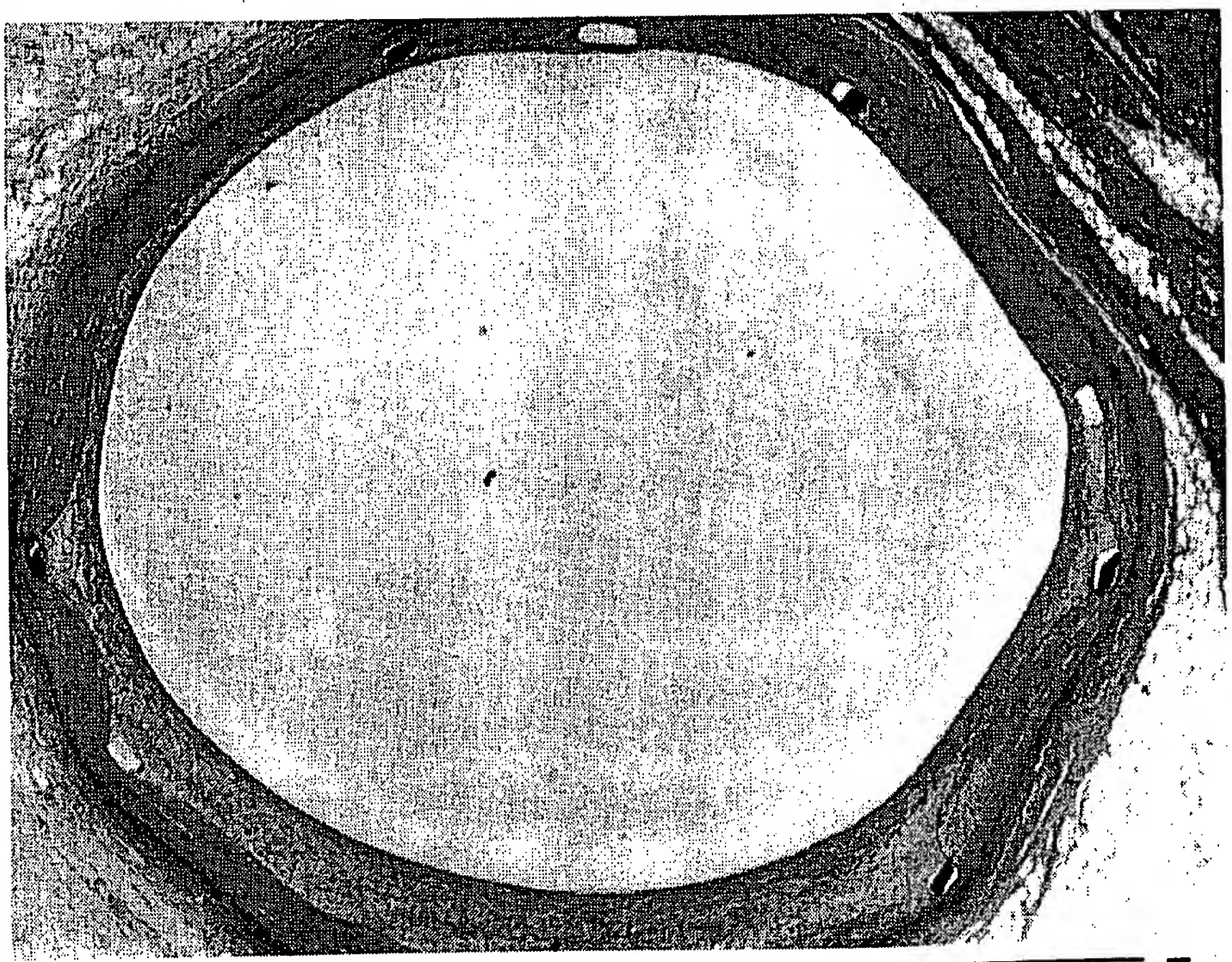

Fig. 9

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O.G. FIG.
CLASS
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TO2020 "64152260

Figure 1: Effect of 32P internally labeled oligonucleotides on smooth muscle cells proliferation

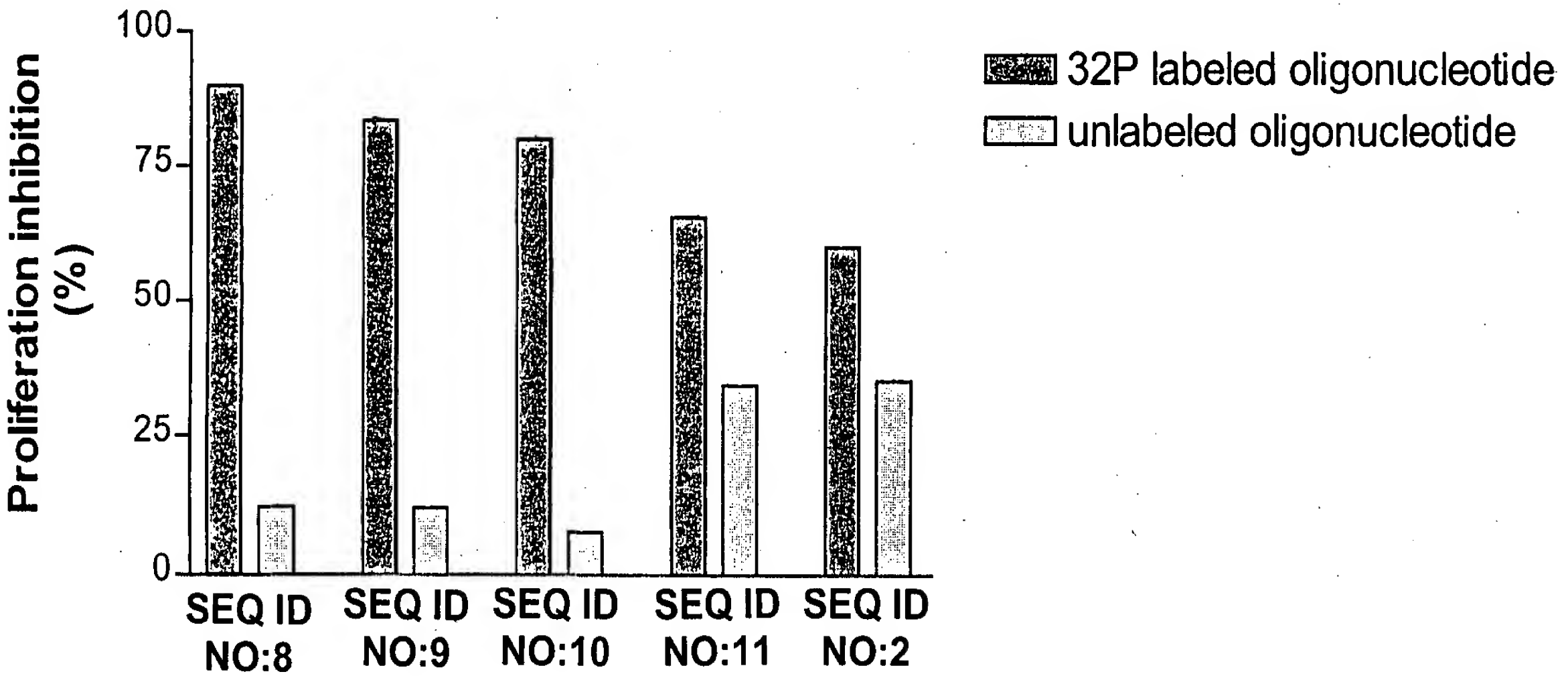

Fig. 10

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O. G. FIG.
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T02020 "6Z4S2260

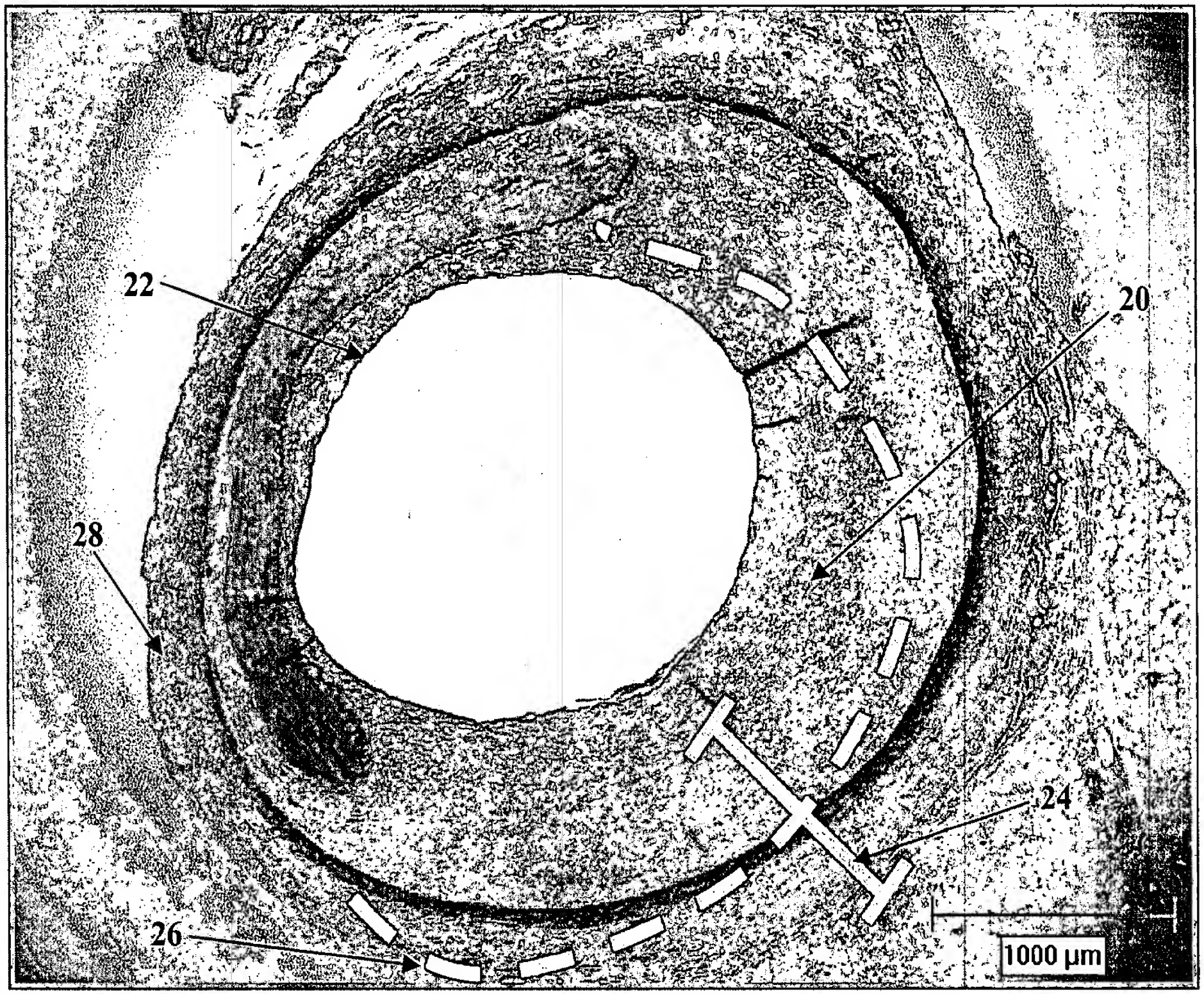

Fig. 11

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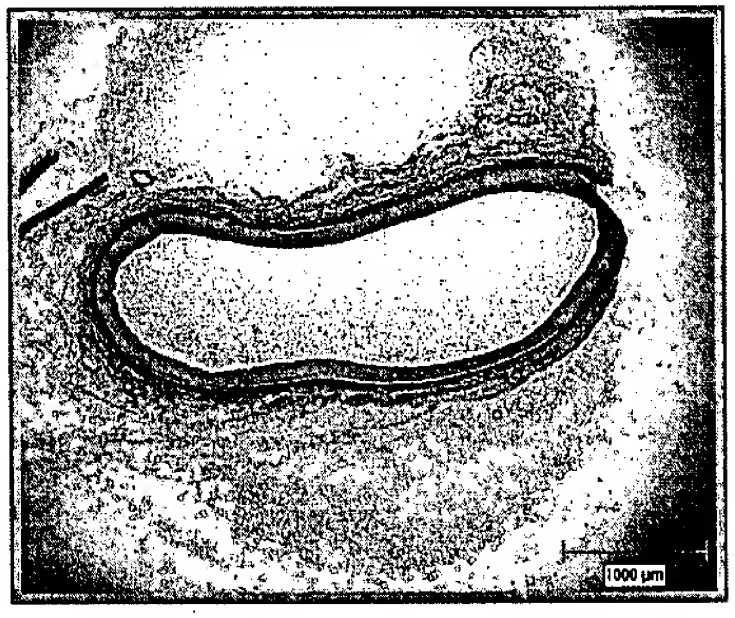

Fig. 12A

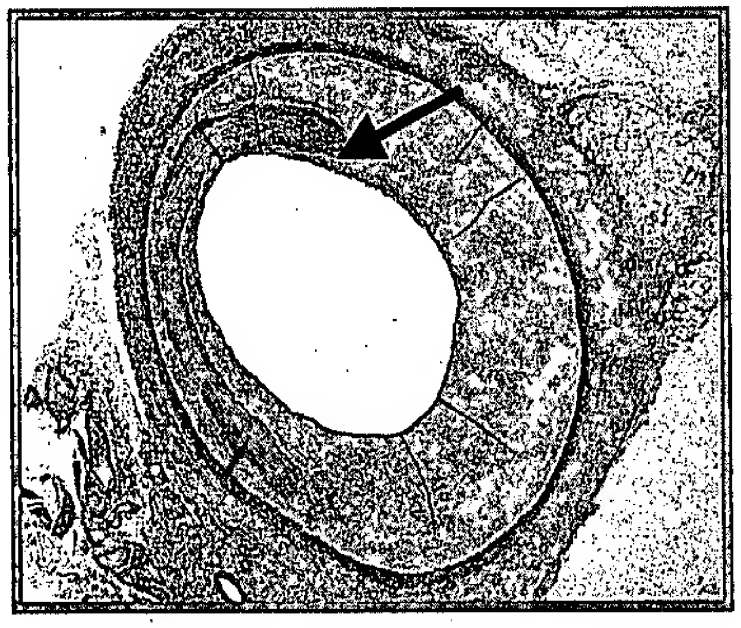

Fig. 12B

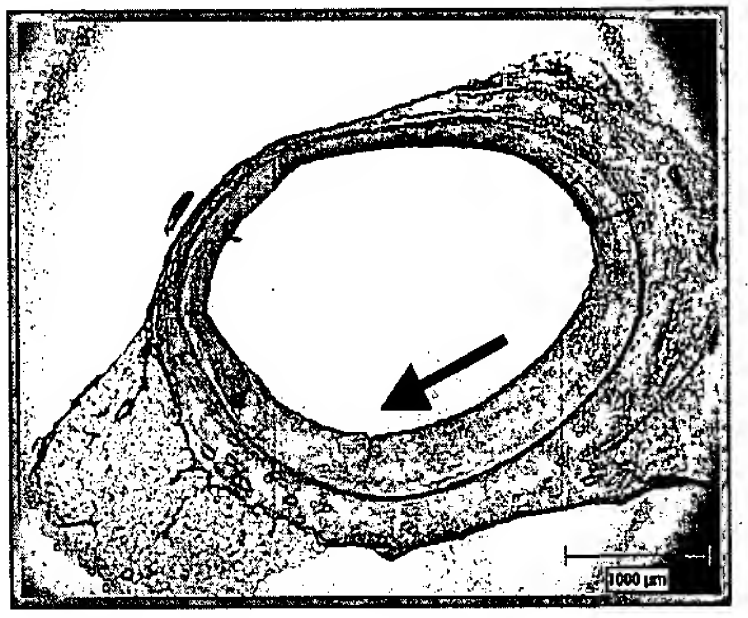

Fig. 12C

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O.G. FIG.
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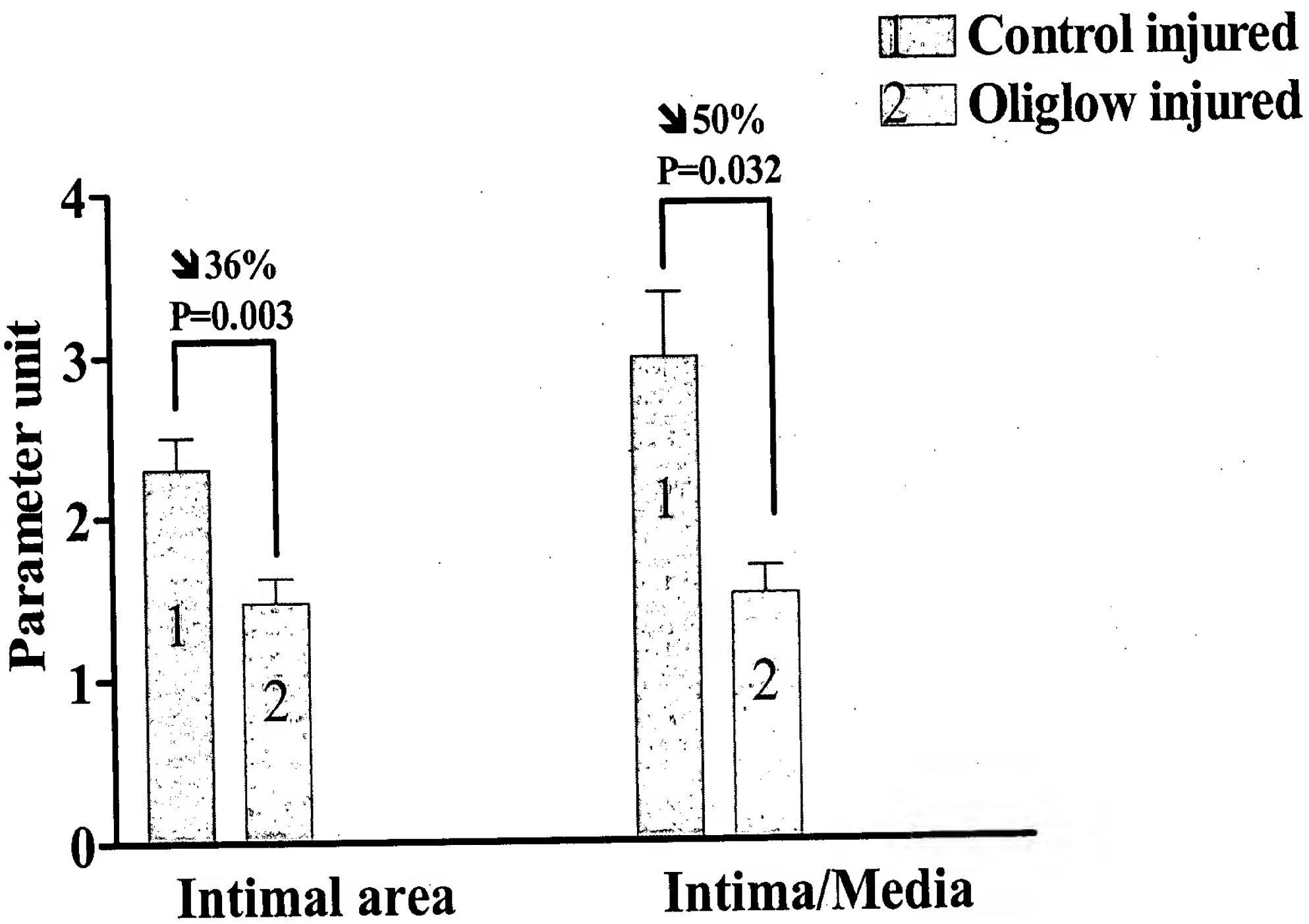

Fig. 13